

### **Horse Farm Creek Correction**

*Stream:* 115-32-10250-2060-3001

*Watershed:* Tahkin River

*USGS Quadrangle:* Skagway\_B-3\_SE

*MTRS:* S15, T29S, R57E

*Date Surveyed:* June, 2011

*Findings:* This stream's anadromous extent terminates at a steep channel waterfall significantly lower than is illustrated in the AWC. It also follows the highway more closely than currently cataloged, and enters 18 Mile Slough at a different location.

*Recommendations:* Update this stream's route, upper, and lower limit in the AWC.

*Nomination form submitted:* Yes.

*Nomination Status:*

*Notes:*

**Table 1: Horse Farm Creek Survey Data**

Waypoint	lat	long	Notes	Sample effort	Sample Results
18	59.369679	-135.8337	Took Point at confluence of side channel. Possible source of 18 mile slough		
19	59.365916	-135.8003	Start of track line of Horse Farm Creek. At the double colvert on the left side of road facing the border.		
20	59.366026	-135.8004	Fork in the stream. Took the creek right branch.		
21	59.366311	-135.8006	Little pretty creek entering from creek left.		
22	59.366388	-135.8007	Small tributary entering from creek left. Found to connect to WPT #20 branch.		
23	59.367692	-135.8023	End of tracking. Measure measurement above WPT was 25 meters and a 12% grade. Below the WPT 15 meter and 15% grade. Electrofishing carried out at WPT. With setting of 30Hz, 300v and burst cycle of 3. No catch.		
24	59.367133	-135.8012	Start track of creek left branch or main stem.		
25	59.366791	-135.8008	Electrofishing at 30Hz, 350v and burst cycle of 3. One Dolly Varden captured, was 140mm. Fish was immobile and quick to recover.		
26	59.366452	-135.8004	Electrofishing at 30Hz, 350v and burst cycle of 3. Two Dolly Varden at 45mm and were quick to recover.	Efish	2 DV, 45mm
27	59.366282	-135.8003	Electrofishing at 30Hz, 350v and burst cycle of 3. No catch.		
28	59.366218	-135.8002	Electrofishing at 30Hz, 350v and burst cycle of 3. Captured 3 Cutthroat and 5 Dolly Varden all were less than 40mm. Second round of electrofishing got 1 Cutthroat that was 55mm and 10 Dolly Varden less then 30mm.	Efish	1 CT, 55mm; 10 DV, 40mm
29	59.366237	-135.8003	Electrofishing on creek right. At settings 30Hz, 350v and burst cycle of 3. Captured 2 Cutthroat at 135mm.	Efish	2 CT, 135mm
30	59.366239	-135.8005	Electrofishing still on creek right. At settings 30Hz, 350v and burst cycle of 3. First round capture was nothing and second round capture was nothing.		

31	59.366316	-135.8006	Electrofishing on creek right, were branch braids a bit. At settings 30Hz, 350v and burst cycle of 3. First round 1 Dolly Varden captured. Second round nothing was captured.	Efish	1 DV
32	59.36607	-135.8001			
33	59.366074	-135.8001			
34	59.365733	-135.7998	Netted a 45mm Coho.	Handnet	1 CO, 45mm
35	59.364678	-135.7987	Netted 5 40mm Coho.		5 CO, 40mm
36	59.364571	-135.7986	Colvert enters from creek left. Little tributary		
37	59.363335	-135.7991	Horse Farm Creek empties into clear "18 mile slough"? 2 Coho 50mm and 1 Lamprey at 140mm was captured. Track continues up from WPT#37 on possible "18 mile slough".	Handnet	2 Co, 50mm; 1 lamprey, 140mm
38	59.363136	-135.8062	Netted possible Sockeye or Chum. Took a picture to further idenifcation of fish, school of about 15 individuals. Less then 50mm.	Handnet	
39	59.363204	-135.809	A iron drip entering creek left. From WPT#39 went up the iron tributary.		
40	59.363136	-135.809	Start of the track for Iron tributary.		
41	59.362954	-135.8095	Netted 2 Coho at 40mm.	Handnet	2 CO, 40mm
42	59.362711	-135.8094	End of tracking of Iron tributary.		
43	59.362914	-135.809	Start of tracking of possible "18 mile slough" again.		
44	59.36204	-135.809	Tributary enter possible "18 mile slough" on creek right. Went up the tributary.		
45	59.362063	-135.8091	Start tracking of Tributary.		
46	59.361588	-135.8096	Netted 3 Coho, took a picture. There is upwelling throughout tributary.	Handnet	3 CO
47	59.361582	-135.8098	Netted 1 Coho at 65mm. A picture was taken.	Handnet	1 CO, 65mm
48	59.361633	-135.81	Viewable identification of 5 Coho and also the end of the tributary.	Visual ID	5 CO
49	59.362079	-135.8095	Start tracking in "18 mile slough" again.		
50	59.361851	-135.8105	Tributary enter creek right.		
51	59.361799	-135.8105	Start of tributary, start tracking.		
52	59.361526	-135.8108	Netted 3 Coho at 40mm.	Handnet	3 CO, 40mm
53	59.360259	-135.8151	Called it a day do to time and low water flow and quality. Starts to become ponds that have little connection. Were able to idenifty Coho up to WPT.		

---

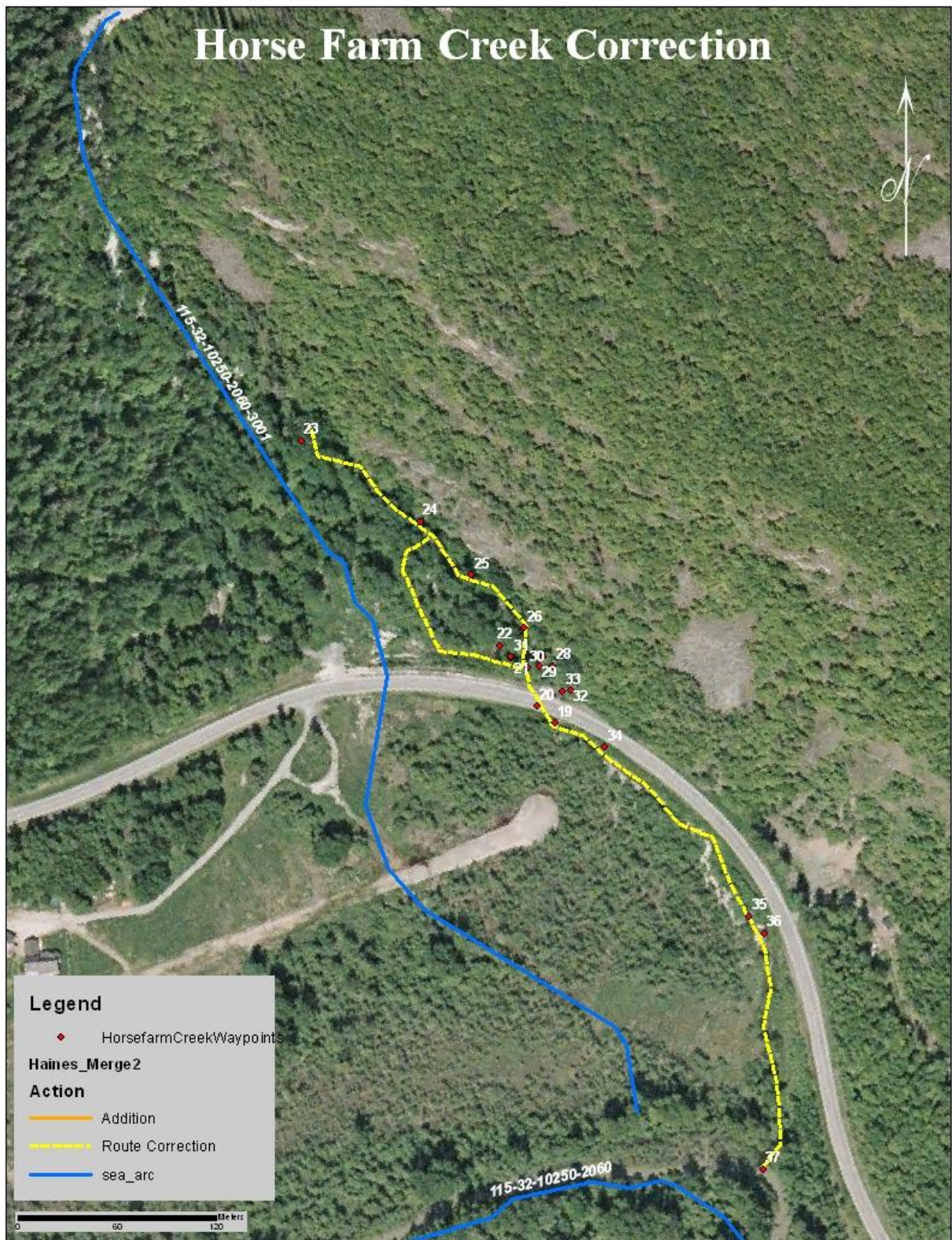


Figure 1: Horse Farm Creek Correction Map